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5-AMENDMENTS TO CLAIMS

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AMENDED CLAIMS

1.) Electromagnetic System of Control for Boot Binding to a Snowboard or Skis, which comprises mainly:

- 5 - Some rechargeable batteries, some electric chargers and some electric switches, wherein each one of them can be positioned in any point selected between the sportspersons' clothing, the helmet, a backpack, a belt, a fanny bag, the gloves, boots, and for some of them even the boards themselves.
- Some electromagnets or electromagnetic grippers located in the boots; and
- 10 - Some means of transmission of commands for opening and closing said switches to activate and deactivate said electromagnets or electromagnetic grippers, wherein said means of transmission could be electric cables, electromagnetic waves, or infrared rays;

15 wherein said snowboard or skis are totally covered in its upper face with ferromagnetic material, thus the fastening of the boots on the mentioned board or skis is executed by means of electromagnetic forces that join said electromagnets or electromagnetic grippers to the upper face of said board or skis, all of which facilitates the possibility to separate the boots from the board or skis, quickly,

20 comfortably, remotely and autonomously, without the existence of an automatic system that allows the board or boards to be released without the sportspersons' will.

2.) Autonomous Electromagnetic system of control for Boot binding to a snowboard or

25 skis in accordance to claim 1, which comprises,

- Some rechargeable batteries, that can be located in the belt of the sportspersons' clothing, in a protector helmet or in a backpack.
- Some electric or solar chargers (2) of said rechargeable batteries, manual switches(23) and connectors(3), all of them located in the belt (1);
- 30 - Some first connection elements that fit to their respective connectors(3), two connectors(4) and two conductor cables(15) integrated in the trousers fabric that join each first connection element with one of the said connectors(4), located in the trousers(7);
- second connection elements(4b) that fit to their respective connector(4), a
- 35 cable(20) and some electromagnets(6) in each boot(5), whereby the

cables(20) serve as junction between said second connection elements and the electromagnets (6); and

- a snowboard(22) with its top side totally covered with ferromagnetic material(16), or instead of it, two skis (25) each one of them is totally covered in its top side with ferromagnetic material (26),

wherein the fastening of the boots(5) on the said board(22) or said skis(25) is produced by electromagnetic forces whose activation/deactivation is controlled manually by manual switches(23) located in the belt(1).

3.) Autonomous Electromagnetic control system for Boots to a Snowboard in accordance with the claim 1 which comprises:

- a voice recognition equipment(14) and a command transmitter(13) located in the sportsperson clothing
- a rechargeable battery(9), a charger-valve set(10), a receptor-switch(11), electromagnets(6), some connections(21) junction of the rechargeable battery (9) with charger-valve (10), some connections (21a) junction of the rechargeable battery (9) with the receptor-switch(11), some connections(21b) junction of the receptor-switch(11) with the electromagnets(6) and the junction connection between mentioned electromagnets(6), being each boot equipped with all the above; and,
- a snowboard(22) with its upper side totally covered with ferromagnetic material(16), or instead of it, two skies (25), each one of them being in its upper side totally covered with ferromagnetic material(26).

wherein the binding of the boots(5') on the said board(22) or skies(26), is produced by means of electromagnetic power whose activation/deactivation is controlled by voice commands detected by the voice recognition equipment(14), generated and transmitted by the orders transmitter (13) and received, decoded and executed by the receptor-switch(11) of each boot(5').

4.) Autonomous Electromagnetic System of Control for Bootbinding on a Snowboard or skis in accordance with claim 3 and further comprising:

- switch-transmitters(12) integrated in the gloves of the sportsperson wherein the fastening of the boots onto said board (5') is carried out by means of

electromagnetic forces whose activation/deactivation is further controlled by commands generated and transmitted by the switch-transmitters(12) of the gloves; and received, decoded and executed by the receptor-switch(11) of each boot(5').

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5.) Autonomous Electromagnetic system of control for Bootbinding on a Snowboard or skis in accordance with claim 1, comprising:

- rechargeable batteries, which can be located in the belt of the sport's man clothing, in a protector helmet, or in a backpack.
- 10 - Electric or solar chargers (2) of said rechargeable batteries, some manual switches(23) and connectors (3) all of them located in the belt (1)
- first connection elements fitable to their respective connectors(3), two connectors(4) and two conductor cables(15) integrated in the trousers fabric, that join each first connection element with one of the said connectors(4),
- 15 located in the trousers(7);
- second connection elements(4b) that fit to their respective connector(4), a cable(20) and electromagnets or electromagnetic grippers (6) in each boot(5), whereby the cables(20) serve as junction between said second connection elements and the electromagnets (6);
- 20 - a snowboard(22) with its top side totally covered with ferromagnetic material(16), or instead of it, two skis (25), each one of them being in its top side totally covered with ferromagnetic material(26).

25 wherein the binding of the boots(5) on said board(22) or said skis is produced by means of electromagnetic power whose activation/deactivation is controlled manually by means of the manual switches (23) located in the belt (1).

6.) Autonomous Electromagnetic control system for Boots to a Snowboard or skis in accordance with the claim 1, comprising:

- 30 - a voice recognition equipment(14) and a command transmitter(13) located in the sportsman clothing;
- rechargeable batteries(9), a charger-valve set(10), a receptor-switch(11), electromagnetic pad grippers(6), some connections(21) of the rechargeable batteries (9) to the charger-valve set(10), some connections (21a) junction of
- 35 the rechargeable battery (9) with the receptor-switch(11), some

connections(21b) junction of the receptor-switch(11) with the electromagnets(6) and a union of connections between mentioned electromagnets(6), and whereby each boot is equipped with all the aforementioned and,

- 5 - a snowboard(22) with its upper side totally covered with ferromagnetic material(16), or instead of it, two skies (25), each one of them being in its upper side totally covered with ferromagnetic material(26).

10 wherein the binding of the boots(5') on the said board(22) or skis (26) is produced by means of electromagnetic power whose activation/deactivation is controlled by voice commands detected by the voice recognition equipment(14), generated and transmitted by the transmission of orders(13) and received, decoded and executed by the receptor- switch(11) of each boot(5').

15 7.) Autonomous Electromagnetic System of Control for Bootbinding or Skis in accordance with claim 6, further comprising

- some switch-transmitters(12) integrated in the sportspersons' gloves,

20 wherein the binding of the boots(5') on the mentioned snowboard(22) is carried out by means of electromagnetic forces whose activation/deactivation is also controlled through commands generated and transmitted by the switch-transmitters(12) of the gloves; and received, decoded and executed by the receptor-switch(11) of each boot(5').